

ABSTRACT OF THE DISCLOSURE

The inventive coating may be employed to deliver a pharmaceutical agent to a selected body area that is involved within the insertion or application of a medical device. Such medical devices may include silicone based urinary catheters and other medical implants as well as other silicone based devices having deformable portions which could benefit from the release of a pharmaceutical agent from its surface. The coating allows the introduction of the pharmacological additive having a release rate that is within acceptable pharmacokinetic criteria. The release rate is adjusted by utilizing different salt forms of the additive and adjusting the concentration of urethane and RTV silicone. The coating incorporates additive compounds such as anti-microbial, anti-fungals and other organic compounds. Methods are also provided for the manufacture of the subject coating and for the application of the same to surfaces of medical devices.

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